



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 6

Test Date: March 2009
Code: 12291608
SAU: MSAD 35
School: Marshwood Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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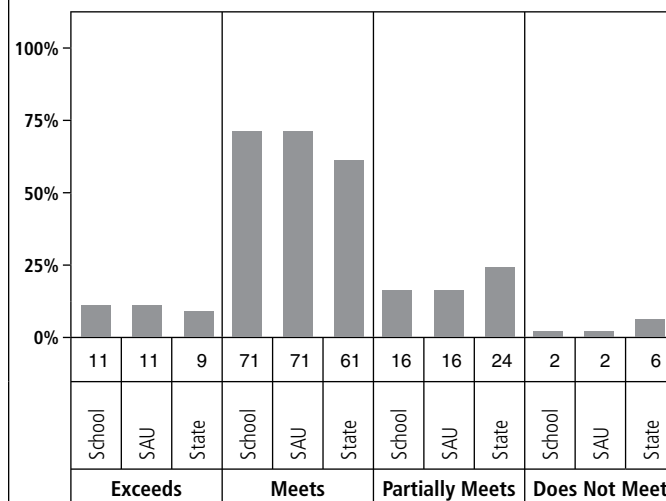
SUMMARY OF SCORES

Test Date: March 2009
Grade: 6
SAU: MSAD 35
School: Marshwood Middle School

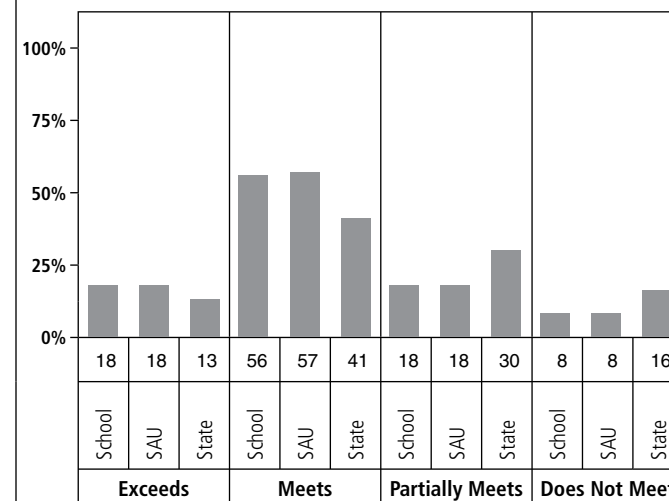
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	645	645	646
2007–2008	647	647	648
2008–2009	650	650	647
Cum. Avg.*	647	647	647
Mathematics			
2006–2007	650	650	643
2007–2008	647	647	642
2008–2009	649	649	643
Cum. Avg.*	649	649	643

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 6
SAU: MSAD 35
School: Marshwood Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	203	100	205	100	14251	100	200	99	202	99	14150	99	201	99	203	99	14156	100						
Ethnicity African American/Black	2	1	2	1	421	3	2	100	2	100	412	98	2	100	2	100	415	99						
American Indian or Native Alaskan	0	0	0	0	128	1	0	0	0	0	127	99	0	0	0	0	128	100						
Asian or Pacific Islander	3	1	3	1	212	1	3	100	3	100	210	99	3	100	3	100	212	100						
Hispanic	0	0	0	0	181	1	0	0	0	0	177	98	0	0	0	0	178	99						
Caucasian/White	198	98	200	98	13309	93	195	98	197	99	13224	100	196	99	198	99	13223	100						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	31	15	33	16	2468	17	31	100	33	100	2423	99	31	100	33	100	2426	99						
Current LEP	1	0	1	0	341	2	0	0	0	0	330	97	1	100	1	100	338	99						
Economically disadvantaged	29	14	30	15	5780	41	29	100	30	100	5724	99	29	100	30	100	5725	99						
Migrant	0	0	0	0	4	0	0	0	0	0	4	100	0	0	0	0	4	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	175	86	175	85	11369	80	175	86	175	85	11373	80						
Identified disability (PET/IEP)	6	3	6	3	355	3	6	3	6	3	371	3						
LEP	0	0	0	0	167	1	0	0	0	0	170	1						
504 plan	2	1	2	1	172	2	2	1	2	1	175	2						
Participation with accommodations	16	8	17	8	2594	18	20	10	21	10	2605	18						
Identified disability (PET/IEP)	16	100	17	100	1881	73	19	95	20	95	1877	72						
LEP	0	0	0	0	155	6	1	5	1	5	161	6						
504 plan	0	0	0	0	74	3	0	0	0	0	71	3						
Other	0	0	0	0	519	20	0	0	0	0	532	20						
Participation through alternate assessment (PAAP)	9	4	10	5	187	1	6	3	7	3	178	1						
Identified disability (PET/IEP)	9	100	10	100	187	100	6	100	7	100	178	100						
LEP	0	0	0	0	8	4	0	0	0	0	7	4						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	0	0	0	0	26	0	0	0	0	0	25	0						
Non-participation – other	3	1	3	1	75	1	2	1	2	1	70	0						

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 6
SAU: MSAD 35
School: Marshwood Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 662–680)	2006-2007	7	4	7	4	1132	8
	2007-2008	18	11	18	11	1817	13
	2008-2009	21	11	21	11	1309	9
	Cum. Total*	46	8	46	8	4258	10
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 642–660)	2006-2007	117	62	117	62	8127	57
	2007-2008	97	59	97	59	8072	57
	2008-2009	136	71	137	71	8564	61
	Cum. Total*	350	64	351	65	24763	59
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 630–640)	2006-2007	52	28	52	28	3549	25
	2007-2008	38	23	38	23	3194	23
	2008-2009	31	16	31	16	3291	24
	Cum. Total*	121	22	121	22	10034	24
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 600–628)	2006-2007	12	6	12	6	1478	10
	2007-2008	11	7	11	7	981	7
	2008-2009	3	2	3	2	799	6
	Cum. Total*	26	5	26	5	3258	8

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	36.2	64.6	36.2	64.6	33.8	60.4
A1/A2 Interconnected Elements/Literary Text	20	36	12.4	62.0	12.4	62.0	11.9	59.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	23.7	65.8	23.7	65.8	21.9	60.8

The MEA assesses students’ reading skills based on questions related to three types of reading passages: literary, informational, and persuasive. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 6
 SAU: MSAD 35
 School: Marshwood Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	191	21	11	136	71	31	16	3	2	650	192	11	71	16	2	650	13963	9	61	24	6	647
Ethnicity																						
African American/Black	2										2						403	5	46	34	15	641
American Indian or Native Alaskan	0										0						125	4	49	38	10	642
Asian or Pacific Islander	2										2						206	18	56	20	6	649
Hispanic	0										0						174	5	55	33	7	644
Caucasian/White	187	21	11	134	72	29	16	3	2	650	188	11	72	15	2	650	13055	9	62	23	5	647
Not Reported	0										0						0					
Identified disability																						
Yes	22	0	0	11	50	8	36	3	14	640	23	0	52	35	13	640	2236	1	30	48	22	637
No	169	21	12	125	74	23	14	0	0	651	169	12	74	14	0	651	11727	11	67	19	3	649
Current LEP																						
Yes	0										0						322	2	39	37	21	638
No	191	21	11	136	71	31	16	3	2	650	192	11	71	16	2	650	13641	10	62	23	5	647
Economically disadvantaged																						
Yes	27	2	7	16	59	8	30	1	4	646	27	7	59	30	4	646	5617	4	54	33	9	643
No	164	19	12	120	73	23	14	2	1	650	165	12	73	14	1	650	8346	13	66	17	3	650
Migrant																						
Yes	0										0						4					
No	191	21	11	136	71	31	16	3	2	650	192	11	71	16	2	650	13959	9	61	24	6	647
Gender																						
Female	100	16	16	69	69	15	15	0	0	651	100	16	69	15	0	651	6743	13	63	20	4	649
Male	91	5	5	67	74	16	18	3	3	648	92	5	74	17	3	648	7220	6	60	27	7	645
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						1408	4	41	43	12	641
No	191	21	11	136	71	31	16	3	2	650	192	11	71	16	2	650	12555	10	64	21	5	648
Gifted/talented program																						
Yes	1										1						636	39	59	2	0	659
No	190	21	11	135	71	31	16	3	2	650	191	11	71	16	2	650	13327	8	61	25	6	647

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 6
SAU: MSAD 35
School: Marshwood Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	0										0						6	5	47	32	16	642
B. less than one hour	51	7	7	72	75	15	16	2	2	649	51	7	75	15	2	649	59	9	62	24	5	647
C. one to two hours	46	14	16	59	68	14	16	0	0	652	46	16	68	16	0	652	32	11	64	21	4	648
D. more than two hours	3	0	0	5	83	1	17	0	0	648	3	0	83	17	0	648	3	10	50	26	13	644
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	38	13	18	50	70	7	10	1	1	653	38	18	71	10	1	653	31	17	66	14	3	651
B. good	49	8	9	65	71	17	19	1	1	649	48	9	71	19	1	649	48	8	64	23	5	647
C. fair	12	0	0	15	68	7	32	0	0	646	12	0	68	32	0	646	18	2	48	40	10	641
D. poor	2	0	0	3	100	0	0	0	0	648	2	0	100	0	0	648	2	1	34	47	18	638
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	37	8	12	53	77	7	10	1	1	652	37	11	77	10	1	652	38	13	65	18	3	650
B. They match some of what I have learned.	52	13	13	69	70	16	16	0	0	650	52	13	70	16	0	650	49	8	63	24	5	647
C. They match just a little of what I have learned.	9	0	0	11	65	6	35	0	0	646	9	0	65	35	0	646	10	5	48	36	11	642
D. There is no match.	3	0	0	2	40	2	40	1	20	637	3	0	40	40	20	637	3	3	35	38	24	639
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	13	3	12	18	72	4	16	0	0	650	13	12	72	16	0	650	16	7	52	30	11	644
B. about the same as my regular schoolwork	64	11	9	88	73	21	17	1	1	650	64	9	73	17	1	650	66	10	64	22	4	648
C. easier than my regular schoolwork	23	7	16	30	70	5	12	1	2	651	23	16	70	12	2	651	17	11	61	22	5	648
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	5	0	0	5	56	4	44	0	0	642	5	0	56	44	0	642	10	2	39	42	17	639
B. Most of the passages were about the same as what I normally read.	52	7	7	66	67	24	24	1	1	647	53	7	68	24	1	647	55	6	62	27	5	646
C. Most of the passages were easier than what I normally read.	43	14	18	63	79	2	3	1	1	654	43	18	79	3	1	654	35	16	67	14	3	651
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	39	9	12	46	63	16	22	2	3	649	39	12	64	22	3	649	48	10	60	24	6	647
B. I tried about the same as I do on my regular schoolwork.	59	12	11	84	76	15	14	0	0	650	58	11	76	14	0	650	49	10	63	22	5	648
C. I did not try as hard on this test as I do on my regular schoolwork.	3	0	0	5	100	0	0	0	0	646	3	0	100	0	0	646	3	3	53	29	15	642
How much time do you spend reading at home each day?																						
A. more than one hour	24	13	29	29	64	3	7	0	0	655	24	28	65	7	0	655	23	15	65	16	4	650
B. 20 minutes to an hour	47	7	8	67	75	14	16	1	1	650	47	8	75	16	1	650	49	10	64	22	4	648
C. less than 20 minutes	17	0	0	25	78	6	19	1	3	647	17	0	78	19	3	647	11	6	58	29	7	645
D. I rarely read at home.	13	1	4	15	63	8	33	0	0	645	13	4	63	33	0	645	17	2	51	36	11	642
Optional school/SAU question																						
A.	0										0											
B.	50	0	0	1	100	0	0	0	0	644	50	0	100	0	0	644						
C.	50	0	0	0	0	1	100	0	0	638	50	0	0	100	0	638						
D.	0										0											

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 6
SAU: MSAD 35
School: Marshwood Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 662–680)	2006-2007	49	26	49	26	2092	15
	2007-2008	31	19	31	19	1474	10
	2008-2009	35	18	35	18	1807	13
	Cum. Total*	115	21	115	21	5373	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 642–660)	2006-2007	88	47	88	47	5731	40
	2007-2008	79	48	79	48	6008	43
	2008-2009	110	56	111	57	5662	41
	Cum. Total*	277	51	278	51	17401	41
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 628–640)	2006-2007	36	19	36	19	4175	29
	2007-2008	37	23	37	23	4244	30
	2008-2009	35	18	35	18	4219	30
	Cum. Total*	108	20	108	20	12638	30
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 600–626)	2006-2007	15	8	15	8	2308	16
	2007-2008	17	10	17	10	2346	17
	2008-2009	15	8	15	8	2290	16
	Cum. Total*	47	9	47	9	6944	16

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	34.7	62.0	34.7	62.0	30.6	54.6
A. Number	18	32	11.9	66.1	11.9	66.1	10.3	57.2
B. Data	12	21	7.6	63.3	7.6	63.3	6.6	55.0
C. Geometry	14	25	7.9	56.4	7.9	56.4	7.3	52.1
D. Algebra	12	21	7.3	60.8	7.3	60.8	6.5	54.2

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 6
 SAU: MSAD 35
 School: Marshwood Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	195	35	18	110	56	35	18	15	8	649	196	18	57	18	8	649	13978	13	41	30	16	643
Ethnicity																						
African American/Black	2										2						406	4	26	36	34	633
American Indian or Native Alaskan	0										0						126	4	29	40	28	635
Asian or Pacific Islander	2										2						208	18	47	23	12	647
Hispanic	0										0						175	5	31	41	23	638
Caucasian/White	191	34	18	109	57	34	18	14	7	649	192	18	57	18	7	649	13063	13	41	30	16	643
Not Reported	0										0						0					
Identified disability																						
Yes	25	0	0	4	16	9	36	12	48	629	26	0	19	35	46	629	2248	3	18	33	46	629
No	170	35	21	106	62	26	15	3	2	652	170	21	62	15	2	652	11730	15	45	30	11	646
Current LEP																						
Yes	1										1						331	3	22	35	40	631
No	194	35	18	110	57	34	18	15	8	649	195	18	57	17	8	649	13647	13	41	30	16	643
Economically disadvantaged																						
Yes	28	3	11	14	50	6	21	5	18	642	28	11	50	21	18	642	5620	6	33	37	25	637
No	167	32	19	96	57	29	17	10	6	650	168	19	58	17	6	650	8358	18	45	26	11	647
Migrant																						
Yes	0										0						4					
No	195	35	18	110	56	35	18	15	8	649	196	18	57	18	8	649	13974	13	41	30	16	643
Gender																						
Female	102	19	19	56	55	20	20	7	7	648	102	19	55	20	7	648	6738	12	40	32	16	642
Male	93	16	17	54	58	15	16	8	9	649	94	17	59	16	9	649	7240	14	41	29	16	644
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						1410	3	24	41	32	634
No	195	35	18	110	56	35	18	15	8	649	196	18	57	18	8	649	12568	14	42	29	15	644
Gifted/talented program																						
Yes	1										1						637	65	32	3	0	665
No	194	35	18	109	56	35	18	15	8	649	195	18	56	18	8	649	13341	10	41	31	17	642

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 6
SAU: MSAD 35
School: Marshwood Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	0										0						6	7	32	28	32	636
B. less than one hour	52	14	14	59	59	20	20	7	7	647	52	14	59	20	7	647	59	13	41	30	16	643
C. one to two hours	45	19	22	47	53	15	17	7	8	650	45	22	53	17	8	650	32	14	41	31	14	644
D. more than two hours	3	2	33	3	50	0	0	1	17	652	3	33	50	0	17	652	3	11	31	33	26	639
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	35	19	28	46	69	1	1	1	1	657	35	28	69	1	1	657	30	27	45	18	9	651
B. good	46	14	16	47	53	20	23	7	8	647	46	16	54	22	8	647	46	9	45	31	15	643
C. fair	18	1	3	15	43	12	34	7	20	637	18	3	43	34	20	637	20	2	29	43	26	635
D. poor	2	0	0	1	33	2	67	0	0	639	2	0	33	67	0	639	4	1	15	46	38	630
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	37	14	20	42	59	10	14	5	7	650	36	20	59	14	7	650	35	18	42	27	13	646
B. They match some of what I have learned.	57	20	18	63	57	20	18	7	6	649	57	18	58	18	6	649	50	11	43	31	15	643
C. They match just a little of what I have learned.	5	0	0	4	40	4	40	2	20	639	5	0	40	40	20	639	13	8	31	36	26	638
D. There is no match.	2	1	33	0	0	1	33	1	33	635	2	33	0	33	33	635	3	5	16	27	51	628
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	22	3	7	23	55	9	21	7	17	642	22	7	56	21	16	642	32	7	40	34	20	640
B. about the same as my regular schoolwork	59	17	15	64	57	25	22	7	6	648	59	15	57	22	6	648	56	13	42	30	15	644
C. easier than my regular schoolwork	19	15	42	19	53	1	3	1	3	659	19	42	53	3	3	659	12	31	36	20	13	650
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	38	10	14	40	55	13	18	10	14	646	37	14	55	18	14	646	51	11	41	31	16	643
B. I tried about the same as I do on my regular schoolwork.	57	18	16	67	61	20	18	5	5	649	57	16	61	18	5	649	45	15	41	29	16	644
C. I did not try as hard on this test as I do on my regular schoolwork.	6	6	55	3	27	2	18	0	0	658	6	55	27	18	0	658	4	12	28	32	28	638
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	5	0	0	4	40	3	30	3	30	634	5	0	40	30	30	634	6	8	29	29	34	635
B. 30–45 minutes	28	11	20	26	47	12	22	6	11	647	28	20	47	22	11	647	33	10	37	34	19	641
C. 45–60 minutes	64	23	19	76	61	20	16	5	4	651	63	19	61	16	4	651	45	15	44	29	12	645
D. more than 60 minutes	3	1	17	4	67	0	0	1	17	647	4	14	71	0	14	647	16	15	41	28	16	644
How often do you use calculators in mathematics class?																						
A. almost every day	10	5	25	10	50	2	10	3	15	648	10	25	50	10	15	648	9	14	35	29	22	641
B. two or three days a week	52	18	18	54	53	24	24	6	6	648	52	18	53	24	6	648	26	15	40	30	16	644
C. two or three times each month	31	11	18	38	63	8	13	3	5	651	31	18	63	13	5	651	31	13	43	30	14	644
D. never or almost never	7	1	8	8	62	1	8	3	23	647	7	7	64	7	21	647	34	11	40	31	18	642
How often do you use hands-on materials in mathematics class?																						
A. almost every day	22	5	12	24	56	10	23	4	9	644	22	12	56	23	9	644	17	8	35	33	24	639
B. two or three days a week	48	17	18	53	56	17	18	7	7	649	48	18	56	18	7	649	28	13	42	30	15	643
C. two or three times each month	19	9	25	19	53	6	17	2	6	653	19	24	54	16	5	653	31	15	43	30	13	645
D. never or almost never	11	4	19	13	62	2	10	2	10	650	11	19	62	10	10	650	23	14	39	30	17	643
Optional school/SAU question																						
A.	0										0											
B.	50	0	0	1	100	0	0	0	0	646	50	0	100	0	0	646						
C.	50	0	0	1	100	0	0	0	0	660	50	0	100	0	0	660						
D.	0										0											

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